

09/940, JJJ

CAS, Bios
12/21/04

DDF

```
=> file ca
=> s (mankin, l?)/au
L1      2 (MANKIN, L?)/AU

=> file biosis
=> s l1
L2      2 (MANKIN, L?)/AU

=> dup rem
L3      4 DUP REM L1 L2 (0 DUPLICATES REMOVED)

=> d l3 1-4 ti py
```

```
L3      ANSWER 1 OF 4  CA  COPYRIGHT 2004 ACS on STN
TI      Self-excising polynucleotides containing the .phi.C31 recombinase gene for
PY      use in dicot and monocot plants
        2002

L3      ANSWER 2 OF 4  BIOSIS  COPYRIGHT (c) 2004 The Thomson Corporation.  on STN
TI      New onset systemic lupus erythematosus with pheochromocytoma.
PY      2002

L3      ANSWER 3 OF 4  BIOSIS  COPYRIGHT (c) 2004 The Thomson Corporation.  on STN
TI      THE PREVALENCE OF VARIOUS OCULAR DISORDERS IN LOS ANGELES CALIFORNIA USA
PY      HOMELESS POPULATION.
        1991

L3      ANSWER 4 OF 4  CA  COPYRIGHT 2004 ACS on STN
TI      Apparatus for decorating glass tumblers, etc., by stenciling
PY      1940
```

```
=> d l3 1
```

```
L3      ANSWER 1 OF 4  CA  COPYRIGHT 2004 ACS on STN
AN      136:211873  CA
TI      Self-excising polynucleotides containing the .phi.C31 recombinase gene for
IN      use in dicot and monocot plants
        ***Mankin, Luke***
PA      Basf Plant Science G.m.b.H., Germany; McKersie, Bryan
SO      PCT Int. Appl., 60 pp.
        CODEN: PIXXD2
DT      Patent
LA      English
FAN.CNT 1
```

PCT filed at
instant app

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002016609	A2	20020228	WO 2001-US26738	20010827
	WO 2002016609	A3	20030103		
	CA 2420316	AA	20020228	CA 2001-2420316	2001
	AU 2001088439	A5	20020304	AU 2001-88439	20010827
	US 2003033635	A1	20030213	US 2001-940550	20010827
	EP 1311695	A2	20030521	EP 2001-968171	20010827
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
PRAI	US 2000-227961P	P	20000825		
	WO 2001-US26738	W	20010827		

```
=> file ca
```

```

=> s (mckersie, b?)/au
L4      86 (MCKERSIE, B?)/AU

=> s (integrase? or recombinase?)/ab,bi

L5      5604 (INTEGRASE? OR RECOMBINASE?)/AB,BI

=> s l4 and l5
L6      0 L4 AND L5

=> file biosis

=> s l6
L7      0 L4 AND L5

=> file ca

=> s (c31(w)integrase? or (phi(w)c31(w)integrase?))/ab,bi

L8      31 (C31(W)INTEGRASE? OR (PHI(W)C31(W)INTEGRASE?))/AB,BI

=> s (plant or agrobacterium)/ab,bi

L9      710376 (PLANT OR AGROBACTERIUM)/AB,BI

=> s l8 and l9
L10     7 L8 AND L9

=> s (plant or plants or agrobacterium)/ab,bi

L11     876786 (PLANT OR PLANTS OR AGROBACTERIUM)/AB,BI

=> s l11 and l8
L12     7 L11 AND L8

=> file biosis

=> s l12
L13     2 L11 AND L8

=> dup rem
L14     9 DUP REM L12 L13 (0 DUPLICATES REMOVED)

=> d l14 ti py 1-9

=> d l14 1-9 ab bib

L14     ANSWER 1 OF 9  CA  COPYRIGHT 2004 ACS on STN
AN      141:255503  CA
TI      Removal of heterologous sequences, such as selectable marker genes, from
        plastid genome by transiently expressed site-specific recombinases in
        higher ***plants***
IN      Maliga, Pal; Lutz, Kerry
PA      Rutgers, the State University of New Jersey, USA
SO      PCT Int. Appl., 47 pp.
        CODEN: PIXXD2
DT      Patent
LA      English
FAN.CNT 1

PATENT NO.      KIND      DATE      APPLICATION NO.      DATE
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PI      WO 2004078935      A2      20040916      WO 2004-US6492      20040303

```

PRAI US 2003-451779P P 20030303
US 2004-535069P P 20040108

L14 ANSWER 2 OF 9 CA COPYRIGHT 2004 ACS on STN
AN 141:18764 CA
TI Method of controlling transgene expression and cellular process in
plants by externally applied signal
IN Werner, Stefan; Marillonnet, Sylvestre; Dorokhov, Yurii; Klimyuk, Victor;
Gleba, Yuri
PA Icon Genetics Ag, Germany; Icon Genetics, Inc.
SO PCT Int. Appl., 56 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	WO 2004046361	A1	20040603	WO 2003-EP13021	20031120
	PRAI DE 2002-10254165	A	20021120		

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 3 OF 9 CA COPYRIGHT 2004 ACS on STN
AN 141:18763 CA
TI Method of switching on cellular processes in ***plants*** by
externally applied polypeptides
IN Werner, Stefan; Marillonnet, Sylvestre; Klimyuk, Victor; Gleba, Yuri
PA Icon Genetics Ag, Germany; Icon Genetics, Inc.
SO PCT Int. Appl., 46 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO 2004046360	A2	20040603	WO 2003-EP13018	20031120
	WO 2004046360	A3	20040812		
	PRAI DE 2002-10254166	A	20021120		

L14 ANSWER 4 OF 9 CA COPYRIGHT 2004 ACS on STN
AN 141:18762 CA
TI Method of controlling cellular process in ***plants*** by externally
applied signal
IN Werner, Stefan; Marillonnet, Sylvestre; Klimyuk, Victor; Gleba, Yuri
PA Icon Genetics Ag, Germany; Icon Genetics, Inc.
SO PCT Int. Appl., 59 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	WO 2004046359	A2	20040603	WO 2003-EP13016	20031120
	WO 2004046359	A3	20040826		
	DE 10254167	A1	20040609	DE 2002-10254167	20021
PRAI	DE 2002-10254167	A	20021120		

L14 ANSWER 5 OF 9 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN
AN 2003:153841 BIOSIS
DN PREV200300153841
TI Site-specific cassette exchange and germline transmission with mouse ES
cells expressing phiC31 integrase.
AU Belteki, Gusztav; Gertsenstein, Marina; Ow, David W.; Nagy, Andras

[Reprint Author]
 CS Samuel Lunenfeld Research Institute, Mount Sinai Hospital, 600 University Avenue, Toronto, ON, M5G 1X5, Canada
 nagy@mshri.on.ca
 SO Nature Biotechnology, (March 2003) Vol. 21, No. 3, pp. 321-324. print.
 ISSN: 1087-0156 (ISSN print).
 DT Article
 LA English
 ED Entered STN: 26 Mar 2003
 Last Updated on STN: 26 Mar 2003

L14 ANSWER 6 OF 9 CA COPYRIGHT 2004 ACS on STN
 AN 137:274083 CA
 TI Autonomously-replicating amplifiable vectors for transformation of
 plant cells and site-specific integration of transgenes
 IN Klimyuk, Victor; Gleba, Yuri; Marillonnet, Sylvestre
 PA Icon Genetics Ag, Germany; Icon Genetics, Inc.
 SO PCT Int. Appl., 74 pp.
 CODEN: PIXXD2

DT Patent
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002077246	A2	20021003	WO 2002-EP3266	20020322
	WO 2002077246	A3	20031120		
	DE 10114209	A1	20021205	DE 2001-10114209	2001
	CA 2442254	AA	20021003	CA 2002-2442254	20020322
	EP 1392833	A2	20040303	EP 2002-730049	20020322
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	JP 2004524039	T2	20040812	JP 2002-576688	20020322
PRAI	DE 2001-10114209	A	20010323		
	WO 2002-EP3266	W	20020322		

L14 ANSWER 7 OF 9 CA COPYRIGHT 2004 ACS on STN
 AN 134:126852 CA
 TI DNA recombination in eukaryotic cells by the bacteriophage phiC31 recombination system
 IN Ow, David W.; Calendar, Richard; Thomason, Lynn
 PA The Regents of the University of California, USA; United States Dept. of Agriculture
 SO PCT Int. Appl., 52 pp.
 CODEN: PIXXD2

DT Patent
 LA English

FAN.CNT 1

App submitted

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001007572	A2	20010201	WO 2000-US19983	20000721
	CA 2379115	AA	20010201	CA 2000-2379115	20000
	EP 1234022	A2	20020828	EP 2000-950558	20000721
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
	JP 2003505065	T2	20030212	JP 2001-512843	20000721
	<u>US 6746870</u> <i>reviewed</i>	B1	20040608	US 2000-620800	20000721
PRAI	US 1999-145469P	P	19990723		
	WO 2000-US19983	W	20000721		

L14 ANSWER 8 OF 9 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN
 AN 2001:515058 BIOSIS
 DN PREV200100515058
 TI Gene insertion and replacement in Schizosaccharomyces pombe mediated by

the Streptomyces bacteriophagevariant phiC31 site-specific recombination system.

AU Thomason, L. C.; Calendar, R.; Ow, D. W. [Reprint author]
 CS Plant Gene Expression Center, Department of Plant and Microbial Biology,
 U.S. Department of Agriculture, University of California, 800 Buchanan
 St., Albany, CA, 94710, USA
 ow@pgec.ars.usda.gov

SO MGG Molecular Genetics and Genomics, (August, 2001) Vol. 265, No. 6, pp.
 1031-1038. print.
 ISSN: 1617-4615.

DT Article
 LA English
 ED Entered STN: 7 Nov 2001
 Last Updated on STN: 23 Feb 2002

L14 ANSWER 9 OF 9 CA COPYRIGHT 2004 ACS on STN
 AN 132:204039 CA
 TI Methods and compositions for genomic modification by site-specific
 integration
 IN Calos, Michele P.
 PA The Board of Trustees of the Leland Stanford Junior University, USA
 SO PCT Int. Appl., 125 pp.
 CODEN: PIXXD2

DT Patent
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000011155	A1	20000302	WO 1999-US18987	19990819
	AU 9958985	A1	20000314	AU 1999-58985	1999
	US 2003050258	A1	20030313	US 1999-377885	19990819
	US 6632672	B2	20031014		
	US 2004203152	A1	20041014	US 2003-636290	20030805
PRAI	US 1998-97166P	P	19980819		
	US 1999-377885	A1	19990819		
	WO 1999-US18987	W	19990819		

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

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 STN INTERNATIONAL LOGOFF AT 19:21:54 ON 21 DEC 2004

09/940,550

WEST Search History

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DATE: Tuesday, December 21, 2004

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<input type="checkbox"/>	L8	l6 and L7	0
<input type="checkbox"/>	L7	recombinase\$ or integrase\$	2315
<input type="checkbox"/>	L6	l4 or L5	81
<input type="checkbox"/>	L5	mckersie.in.	2
<input type="checkbox"/>	L4	mankin.in.	79
<input type="checkbox"/>	L3	L2 not l1	3
<input type="checkbox"/>	L2	\$c31 adj integrase\$	5
<input type="checkbox"/>	L1	c31 adj integrase\$	2

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Search Results - Record(s) 1 through 2 of 2 returned.

☐ 1. Document ID: US 6632672 B2

L1: Entry 1 of 2

File: USPT

Oct 14, 2003

US-PAT-NO: 6632672

DOCUMENT-IDENTIFIER: US 6632672 B2

TITLE: Methods and compositions for genomic modification

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KMC	Draw De
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☐ 2. Document ID: US 6541245 B1

L1: Entry 2 of 2

File: USPT

Apr 1, 2003

US-PAT-NO: 6541245

DOCUMENT-IDENTIFIER: US 6541245 B1

TITLE: Adenoviral helper vectors

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KMC	Draw De
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
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Terms	Documents
c31 adj integrase\$	2

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Search Results - Record(s) 1 through 3 of 3 returned.

☐ 1. Document ID: US 6808925 B2

L3: Entry 1 of 3

File: USPT

Oct 26, 2004

US-PAT-NO: 6808925

DOCUMENT-IDENTIFIER: US 6808925 B2

TITLE: Altered recombinases for genome modification

Full	Title	Citation	Front	Review	Classification	Date	Reference	Summary	Abstract	Claims	KWIC	Draw De
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☐ 2. Document ID: US 6746870 B1

L3: Entry 2 of 3

File: USPT

Jun 8, 2004

US-PAT-NO: 6746870

DOCUMENT-IDENTIFIER: US 6746870 B1

TITLE: DNA recombination in eukaryotic cells by the bacteriophage PHIC31 recombination system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Summary	Abstract	Claims	KWIC	Draw De
------	-------	----------	-------	--------	----------------	------	-----------	---------	----------	--------	------	---------

☐ 3. Document ID: US 6696278 B1

L3: Entry 3 of 3

File: USPT

Feb 24, 2004

US-PAT-NO: 6696278

DOCUMENT-IDENTIFIER: US 6696278 B1

TITLE: Method for transfer of DNA segments

Full	Title	Citation	Front	Review	Classification	Date	Reference	Summary	Abstract	Claims	KWIC	Draw De
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Generate OACS				

Terms	Documents
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L2 not L1

3

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TI

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